BRUHATH BANGALORE MAHANAGARA PALIKE

Ward 14, Bagalagunte

NAME OF WORK : **Improvements to roads & drains at Muneshwara Nagara in Bagalagunte in Ward No.14**

Estimated Cost 50.00 Lakhs

Sl.No.	Description of work	Measurments No.s	L	B	D	Qty	Unit	Rate	Amount
1	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.142, Item No. 19.1) including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work								
	Munikondappa main road	1	2	200.00	1.20	1.10	528.00		
		1	2	43.00	1.20	1.10	113.52		
						Total qty.	**641.52**	**cum**	**175.96**	**112882.00**
2	KSRB 4 -1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (PWD SR 2016-17, Page No.12, Item No. 4.3)								
		1	2	200.00	1.20	0.15	72.00		
		1	2	43.00	1.20	0.15	15.48		
						Total qty.	**87.48**	**sqm**	**5159.02**	**451311.00**
3	KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height. (Pg.No.223, It.no.28.7.9)								
	drain bottom	1	2	200.00	0.90	0.15	54.00		
		1	2	43.00	0.90	0.15	11.61		
	side walls	2	2	200.00	0.15	0.90	108.00		
		2	2	43.00	0.15	0.90	23.22		
						Total qty.	**196.83**	**cum**	**6965.26**	**1370972.00**

4	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.17 - I. no.28.8.2]									
	10mm dia bars at 100mm C/C	2000	2	2.55	@	0.62	6324.00			
		430	2	2.55	@	0.62	1359.66			
	10mm dia bars at 100mm C/C	26	2	200.00	@	0.62	6448.00			
		26	2	43.00	@	0.62	1386.32			
							15517.98	kgs		
						Total qty.	**15.51**	**ton**	**66482.14**	**1031138.00**
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for **vertical surface** such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications. (Pg. No.15, It. No.4.31)									
		4	2	200.00		0.90	1440.00			
		4	2	43.00		0.90	309.60			
						Total qty.	**1749.60**	**sqm**	**310.58**	**543391.00**
6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone									
		1	2	200.00	0.90		360.00			
		1	2	43.00	0.90		77.40			
	missing slabs	1	1	100.00	0.90		90.00			
						Total qty.	**527.40**	**sqm**	**1698.00**	**895525.00**
7	Providing and fixing Pre cast solid concrete kerb stones made out of No.272.21 CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM1:3 plastering and finishing cutting including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, leads and lifts etc., complete as per the direction of Engineer-in-charge of the work. (PWD SR 2016-17, P. 25, I. 5.30)									
		1	2	200.00			400.00			
		1	2	43.00			86.00			
							486.00	mtr		
						Total qty.	**1023**	**no.s**	**331.78**	**339411.00**

8	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Pg No.182, It No.24.1 of KPWD SR 2016-17)								
		1	2	200.00		0.45	180.00		
		1	2	43.00		0.45	38.70		
					Total qty.		218.70	sqm	63.60	13909.00
								Sub Total		4758539.00
								Tender Premium & Qc Charges		237927.00
								Miscellneous & rounding off		3534.00
								Total		5000000.00
	(Rupees Fifty Lakhs Only)									

CERTIFICATE

1. *Certified that The work spot has been inspected by me and the work is necessary & site condition*
2. *Certified that the work is not split up*
3. *Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2016-17*
4. *Certified that Adequate & necessary provisions have made in the estimate.*
5. *Certified that the above area comes under BBMP limit*
6. *This Work is not included in any other work taken up*

Asst Engineer
Ward-14

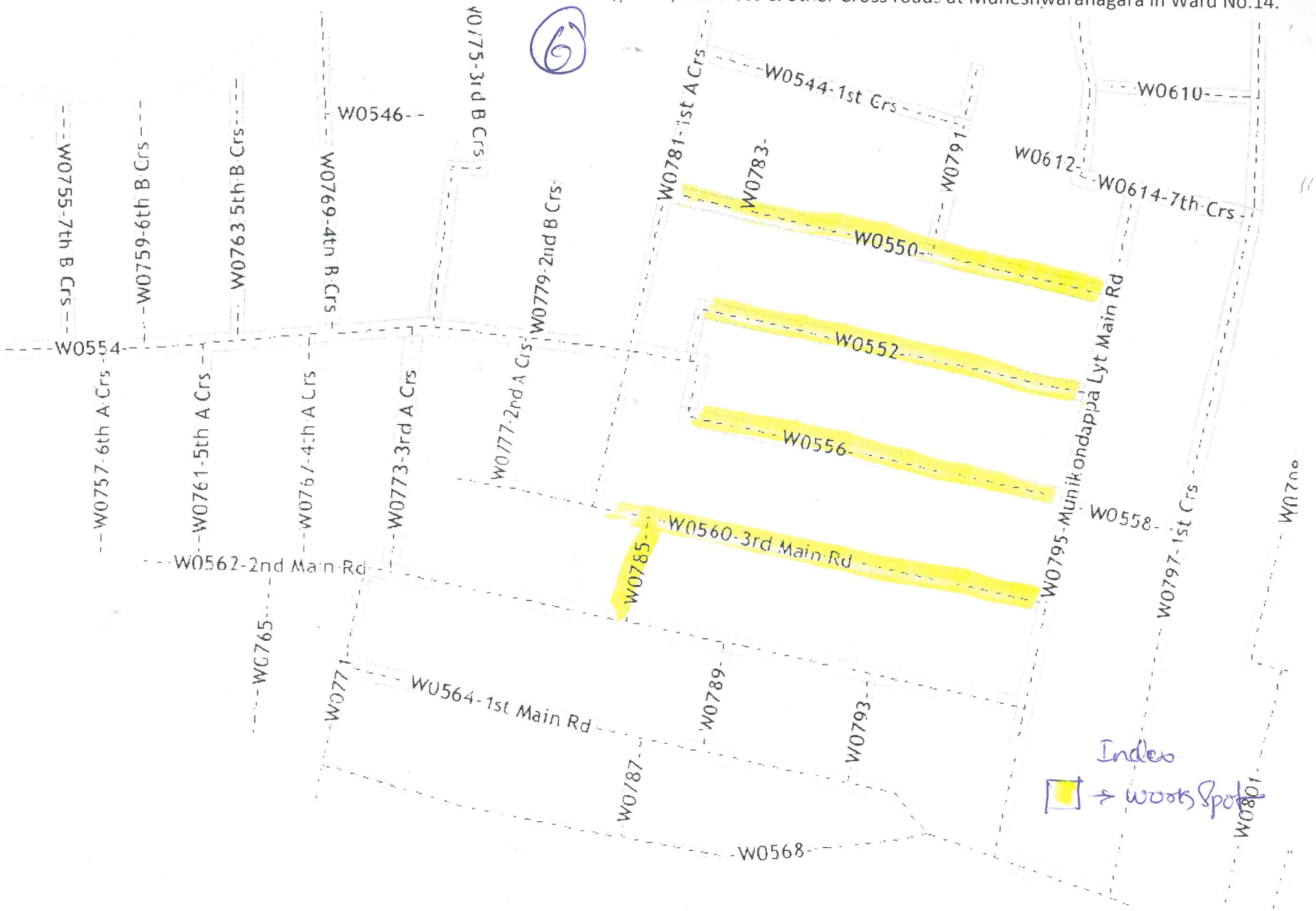
Assistant Executive Engineer
Dasarahalli Sub Division
B.B.M.P

Excecutive Engineer
Dasarahalli Division
B.B.M.P

ಸಂ.EE/DD/AS/140/17-18 ದಿನಾಂಕ: 26.9.17
ರೂ. Rs. 50.00 Lakhs (Fifty Lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ. CE/TS/186/17-18 ದಿನಾಂಕ: 26/09/17
ರೂ. Rs. 50.00 Lakhs only

Location Sketch of Wok: Improvements to roads and drains at 3rd, 3rd A, 5th cross & other Cross roads at Muneshwaranagara in Ward No.14.



Asistant Engineer
Ward 14

Assistant Executive Engineer
Dasarahalli Sub Division

WARD NO 14-BAGALAKUNTE

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No of Properties : 15475	
Aparment	27
Commercial	109
Educational Institutions	25
Industry	6
Open Space	1883
Park	33
Residential /Commercial	700
Residential	8312
Subsiten	65
Under Construction	246
Vacant Plot	3998
Worship	68
No of Roads : 934	
Intermediate Road	15
Major Road	7

Legend

Total Area 4.2 sq km

Intermediate Road

Major Road

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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು